## DETAIL OF **DETECTOR LOOPS**

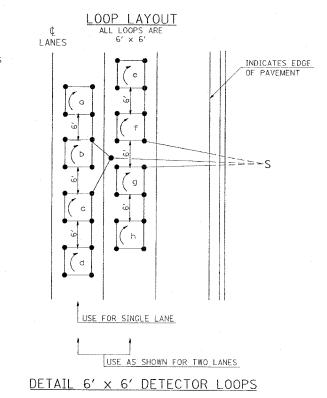
### NOTES

#### (APPLIES TO 6' x 6' LOOPS ONLY)

- 1. THE DETECTOR LOOPS SHALL BE TYPE I. EACH DETECTOR LOOP SHALL HAVE 3 TURNS OF LOOP WIRE AND BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 886 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- BEGINNING LEAD WIRES SHALL BE CONNECTED TO THE BLACK LEAD AND THE ENDING LEAD WIRES SHALL BE CONNECTED TO THE WHITE LEAD OF THE TWIN TWISTED FEED CABLES AT THE SPLICE POINT.
- WHERE THE LOOPS ARE INSTALLED PRIOR TO RESURFACING, THE LOOP CORNERS SHALL BE DIAGONALLY CUT.

### LOOP LEGEND

- CLOCKWISE ROTATION FOR LOOP WIRES
- INDICATES SPLICE POINT FOR DETECTOR LOOP LEAD
- INDICATES 2" CORE-DRILL



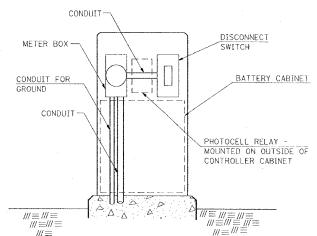
## CONTROL INSTALLATION SIGNAL CABINET MOUNTED

COUNTY TOTAL SHEE SHEETS NO. SECTION WILLIAMSON 917 804 \*\* TO STA. FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT \* I-57, & OLD IL 13 (FAU 9629) \*\* (X1-6-2)VB-2,(X1-6)HBK-2

CAST ALUMINUM CABINET 18" H X 12" W X 8" D. ALUMNUM DOOR WITH STANDARD TRAFFIC SIGNAL LOCK AND KEY AND 16" X 10" X 1/2" MOUNTING BOARD. PHOTOCEL 1 W/INTEGRAL SURGE ARRESTER SELECTOR SWITCH HAND-OFF-AUTO 10 AMP CONTROL FUSE OR 30 A. 240 V. 15 AMP CIRCUIT BREAKER. CONTACTOR, 120 V. OPERATING CALL 2 POLE, 3 WIRE, 60 A. DISCONNECT ☐ M<sub>1</sub> 30 A., 2 pole BRANCH C.B. GROUND BAR ☐ A<sub>1</sub> 20 A., 2 pole BRANCH C.B. NEUTRAL BAR ☐ A<sub>2</sub> 20 A., 2 pole BŘANCH C.B. TERMINAL BLOCK LIGHTING CIRCUITS DISCONNECT SWITCH PHOTOCELL RELAY

STD. 9-113 REVISIONS
DRAWN 5-13-02
REVISED

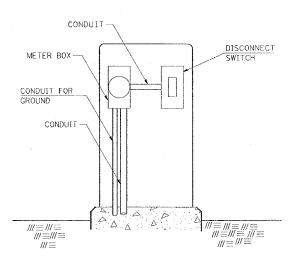
# SERVICE INSTALLATION DETAILS



SERVICE INSTALLATION (SPECIAL) WITH PHOTOCELL RELAY AND WITH BATTERY CABINET SETTING ON THE EXPANDED TYPE "D" FOUNDATION

STD. 9-68

MATERIAL AND SIZE OF CONDUIT AND CABLE AS REQUIRED BY UTILITY COMPANY



SERVICE INSTALLATION (SPECIAL)

ILLINOIS DEPARTMENT OF TRANSPORTATION **DETAILS:** DETECTOR LOOPS; CONTROL INSTALLATION SIGNAL CABINET MOUNTED; SERVICE INSTALLATION

SCALE: VERT. NONE DATE

CHECKED BY JCK